

MILITARY SPECIFICATION

MICROCIRCUITS, DIGITAL, BIPOLAR, TTL, HEX BUS DRIVERS
 WITH THREE-STATE OUTPUTS, MONOLITHIC SILICON

This amendment forms a part of MIL-M-38510/163A, dated 7 August 1984, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

* Title: Delete and substitute as printed above.

PAGE 3

TABLE I, V_{OC} , conditions column: Delete "5.5 V" and substitute "0.0 V".

TABLE I, t_{PLH} , conditions column, after $C_L = 50$ pF: Add " $\pm 10\%$ ". Make this same change to page 4 for t_{PHL} , t_{PZH} , t_{PHZ} , t_{PZL} , and t_{PLZ} .

PAGE 5

* 4.2a(1), delete and substitute as follows:

"(1) Test condition D, using the circuit shown on figure 3, or equivalent. Test condition A and the applicable test circuit shall be allowed with the approval of the qualifying activity."

PAGE 6

* 4.4.3b(1), delete and substitute as follows:

"(1) Test condition D, using the circuit shown on figure 3, or equivalent. Test condition A and the applicable test circuit shall be allowed with the approval of the qualifying activity."

PAGE 10

FIGURE 4, C_L column, after 50 pF: Add " $\pm 10\%$ ". (six places)

PAGE 13

TABLE III, V_{OC} , test numbers 75 through 80, pin 16: Delete "5.5 V" and substitute "0.0".

TABLE III, I_{OS} and I_{CC} , test numbers 81 through 87, pin 16: Delete as required and substitute "5.5 V". Make these same changes to pages 16, 19, and 22.

PAGE 14

* TABLE III, test numbers 100 through 103 and 116 through 119, pins 2, 4, 6, 10, 12, and 14: Delete all "2.0 V" and substitute "3.0 V". Delete all "0.8 V" and substitute "GND". Make these same changes to pages 17, 20, and 23. (alter changes made by previous amendment)

MIL-M-38510/163A
AMENDMENT 3

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 17

Review activities:

Army - AR, MI
Navy - OS, SH, TD
Air Force - 19, 85, 99
DLA - ES

User activities:

Army - SM
Navy - AS, CG, MC

Preparing activity:

Air Force - 17

Agent:

DLA - ES

(Project 5962-1321)